ABSTRACT

An object of the present invention is to allow electromagnetic wave, which is radiated from a radiation source, to be radiated efficiently from a radiation surface in a surface radiation conversion element such as, for example, a light-guiding plate. The present invention is a surface radiation conversion element for converting electromagnetic wave, which is radiated from a radiation source, to surface radiation, wherein an element body 101 has a generally plate shape constituted with a material having a larger electric permittivity than outside and, in the inside of the element body 101, a plurality of closed spaces 103 are disposed whose electric permittivity is smaller than that of the material constituting the element body 101 and whose surfaces opposite to the radiation surface 123 are generally flat. The aforesaid closed spaces 103 can be formed with recesses 121 disposed in the first member 110 or the second member 120 constituting the element body 101.

[SELECTED FIGURE] Fig. 1